

CURRICULUM VITAE Marjan Hagenzieker

Marjan Hagenzieker is full Professor Traffic Safety at Delft University of Technology. She graduated in experimental psychology and received her Doctorate (PhD) at Leiden University. Her research and education activities focus on the road safety effects of the transport system, with particular interest in road user behaviour aspects. Her current research focuses on how to ensure road safety in modern urban environments with many kinds of road users and divergent interests. Specific research topics include the behaviour and safety of vulnerable road users (e.g. bicyclists), and road user interactions with road infrastructure, in-vehicle technology, and automated vehicles; distraction in traffic. She has participated in many EU funded projects in the area of road safety and is co-applicant of the recently awarded NWO (Dutch Research Council) projects 'Spatial and Transport Impacts of Automated Driving' (STAD) and 'Meaningful Human Control over Automated Driving Systems'. She worked at SWOV Institute for Road Safety Research for many years. Since August 2018 she also holds a part time position at the Norwegian Institute of Transport Economics TØI.

Experience

- 2014-present Full Professor & Chair Traffic Safety, Transport and Planning (T&P), Faculty of Civil Engineering and Geosciences, Delft University of Technology.
- 2018-present Senior researcher and advisor, Institute of Transport Economics TØI, Oslo, Norway.
- 2003-2018 Scientific advisor, SWOV Institute for Road Safety Research
- 2012-2014 Associate professor, Transport and Planning (T&P), Faculty of Civil Engineering and Geosciences, Delft University of Technology
- 2008-2011 Associate professor, Transport and Logistics (TLO), Faculty Technology, Policy and Management, Delft University of Technology
- 1998-2002 (Duo-)head of the Behavioural research department; leader of the research theme "Road user interactions with the road environment", SWOV
- 1987-1998 (Senior) researcher and project leader, SWOV

Education

- 1999 Doctorate (equiv. PhD) University of Leiden: Rewards and road user behaviour
- 1987 Doctoral psychology (equiv. Master, cum laude), University of Leiden

Websites

<http://nl.linkedin.com/pub/marjan-hagenzieker/38/0/233>

https://www.researchgate.net/profile/Marjan_Hagenzieker

<https://www.tudelft.nl/citg/over-faculteit/afdelingen/transport-planning/staff/persoonlijke-paginas/hagenzieker-mp/>

ORCID ID <https://orcid.org/0000-0002-5884-4877>

Recent publications (selection)

Janssen, B., P. Schepers, H. Farah & M. Hagenzieker (2018). Behaviour of cyclists and pedestrians near right angled, sloped and levelled kerb types: do risks associated to height difference of kerbs weigh up

- against other factors? *European Journal of Transport and Infrastructure Research EJIR*, 18(4), 360-371.
- Kováčsová, N., C. D. D. Cabrall, S. J. Antonisse, T. de Haan, R. van Namen, J. L. Nooren, R. Schreurs, M. P. Hagenzieker & J. C. F. de Winter (2018). Where do cyclists look while approaching an uncontrolled intersection? A desktop-based eye-tracking study. *Accident Analysis and Prevention*, 120, 270-280.
- Heikoop, D. and M. Hagenzieker (2018). Working towards a Meaningful Transition of Human Control over Automated Driving Systems. Presented at *Driver Distraction and Inattention Conference*. Gothenborg, October 2018.
- Stelling-Konczak, A., W. Vlakveld, P. Van Gent, J. J. F. Commandeur, B. Van Wee & M. P. Hagenzieker (2018). Glimpse behaviour of teenage cyclists listening to music, ethical considerations and a case study in real traffic. *Research Part F: Traffic Psychology and Behaviour*, 55, 47-57.
- Rodriguez Palmeiro, A., Van der Kint, S., Vissers, L., Farah, H., de Winter, J., & Hagenzieker, M. (2018). Interaction between pedestrians and automated vehicles: A Wizard of Oz experiment. *Research Part F: Traffic Psychology and Behaviour*, 58, 1005-1020.
- Calvert, S., Heikoop, D., Mecacci, G., Hagenzieker, M., Santoni de Sio, F., & Arem, B. van. (2018). *Meaningful Human Control over Automated Driving Systems*. Paper presented at NWO-MVI conference, Utrecht, the Netherlands, January 2018.
- Hagenzieker, M., Van Der Kint, S., Vissers, L., Van Schagen, I., De Bruin, J., & Van Gent, P. (2018; in press). Interactions between cyclists and automated vehicles: Results of a photo study.
- Van der Kint, S., Vissers, L., Van Schagen, I., & Hagenzieker, M. (2017). *Eye movements of cyclists when interacting with automated vehicles: What can static images tell us?* Paper presented at RSS2017, 17-19 October 2017, Den Haag, the Netherlands.
- Núñez Velasco, J. P., H. Farah, B. van Arem and M. Hagenzieker (2018). WEpod WELly in Delft: pedestrians' crossing behavior when interacting with automated vehicles using Virtual Reality. To be presented at *15th International Conference on Travel Behaviour Research IATBR2018*. University of California Santa Barbara (UCSB.EDU).
- Stelling-Konczak, A., Van Wee, B., Commandeur, J. J. F., & Hagenzieker, M. (2017). Mobile phone conversations, listening to music and quiet (electric) cars: Are traffic sounds important for safe cycling? *Accident Analysis and Prevention*, 106, 10-22.
- Núñez Velasco, J. P., Farah, H., van Arem, B., & Hagenzieker, M. (2017). *Interactions between vulnerable road users and automated vehicles: A theoretical framework*. Paper presented at the RSS2017, 17-19 October 2017, Den Haag, the Netherlands.
- Kyriakidis, M., De Winter, J.C.F., Stanton, N., Bellet, T., Van Arem, B., Brookhuis, K., Martens, M.H., Bengler, K., Andersson, J., Merat, N., Reed, N., Flament, M., Hagenzieker, M., Happee, R. (2017). A human factors perspective on automated driving. *Theoretical Issues in Ergonomics Science*.
- Kováčsová, N., De Winter, J.C.F., Schwab, A.L., Christoph, M., Twisk, D.A.M., & Hagenzieker, M.P. (2016). Riding performance on a conventional bicycle and a pedelec in low speed exercises: Objective and subjective evaluation of middle-aged and older persons. *Transportation Research Part F: Traffic Psychology and Behaviour*, 42, 28-43.
- Núñez Velasco, J.P., Rodriguez, P., Farah, H., & Hagenzieker, M. (2016). Safety of pedestrians and cyclists when interacting with self-driving vehicles: A case study of the WEpods. *ITRL Conference on Integrated Transport 2016: Connected & Automated Transport Systems*. KTH Royal Institute of Technology, Stockholm, Sweden.
- Stelling-Konczak, A., Hagenzieker, M., Commandeur, J. J. F., Agterberg, M. J. H., & Van Wee, B. (2016). Auditory localisation of conventional and electric cars by cyclists of different age groups. *Transportation Research Part F: Traffic Psychology and Behaviour*, 41, 227-242.
- Stelling-Konczak, A., Hagenzieker, M., & Van Wee, B. (2015). Traffic Sounds and Cycling Safety: The Use of Electronic Devices by Cyclists and the Quietness of Hybrid and Electric cars. *Transport Reviews* 35(4), 422-444.
- Hagenzieker, M. P. (2014) (Ed.) The history of road safety research: Special issue. *Transportation Research Part F: Traffic Psychology and Behaviour*, 25, 110-162.
- Schepers, P., Hagenzieker, M., Methorst, R., Van Wee, B. and Wegman, F. (2014). A conceptual framework for road safety and mobility applied to cycling safety. *Accident Analysis & Prevention*, 62, 331-340.